

Listing of Claims

In the Claims. This Listing of Claims replaces all prior versions and listings of Claims in the application.

21

1. (Currently Amended) A multi-function wireless communications device comprising:

- a control circuit including a high frequency signal processor;
- an input device connected to the control circuit;
- a display device connected to the control circuit;
- a remote control circuit ambiently connected to the control circuit, the remote control circuit establishing an ambient high frequency communication link between the multi-function wireless communications device and an appliance;

and

- a telecommunications circuit connected to the control circuit, the telecommunications circuit including a radio signal processor circuit, a radio receiver circuit connected to the radio signal processor circuit and a radio transmitter circuit connected to the radio signal processor circuit; and
- a switch connected to the control circuit for switching operation of the multi-function wireless communications device between a remote control circuit and a telecommunications circuit.

2. (Original) The multi-appliance remote control of Claim 1 wherein the remote control circuit further comprises:

- a remote control high frequency transmitter circuit connected to the control circuit and connectable to an appliance control circuit by a high frequency communication link; and
- a remote control high frequency receiver circuit connected to the control circuit and connectable to the appliance control circuit by the high frequency communication link; and

a remote control high frequency signal processor connected to the remote control transmitter circuit, remote control receiver circuit and the control circuit.

3. (Original) The multi-appliance remote control of Claim 1 wherein the telecommunications circuit further comprises:

a radio transmitter circuit connected to the control circuit and connectable to a telecommunications system by a radio signal;

a radio receiver circuit connected to the control circuit and connectable to the telecommunications system by the radio signal; and

a radio signal processor circuit connected to the radio transmitter circuit, the radio receiver circuit and the control circuit.

4. (Original) The multi-appliance remote control of Claim 1 wherein the input device further comprises a keypad.

5. (Original) The multi-appliance remote control of Claim 1 wherein the display further comprises an LCD display.

6. (Currently Amended) ~~The multi-appliance remote control of Claim 1 wherein the control circuit further comprises a switch for switching operation of the multi-function wireless communications device between the remote control circuit and the telecommunications circuit.~~

A multi-function wireless communications device comprising:
a control circuit including a high frequency signal processor;
an input device connected to the control circuit;
a display device connected to the control circuit;
a remote control circuit switchably connected to the control circuit, the remote control circuit establishing a switchable high frequency communication link between the multi-function wireless communications device and an appliance;
and

a telecommunications circuit connected to the control circuit, the telecommunications circuit including a radio signal processor circuit, a radio receiver circuit connected to the radio signal processor circuit and a radio transmitter circuit connected to the radio signal processor circuit; and

a switch connected to the control circuit for switching operation of the multi-function wireless communications device between a remote control circuit and a telecommunications circuit.

7. (Currently Amended) ~~A multi-function wireless communications device comprising:~~

~~a control circuit including;~~

~~a processing device; and~~

~~a storage medium connected to the processing device;~~

~~an input device connected to the control circuit;~~

~~a display device connected to the control circuit;~~

~~a remote control circuit connected to the control circuit including;~~

~~a remote control transmitter circuit connected to the control circuit and~~

~~connectable to an appliance control circuit by a high frequency communication link;~~

~~a remote control receiver circuit connected to the control circuit and connectable to an appliance control circuit by a high frequency communication link; and~~

~~a remote control high frequency signal processor connected to the remote control transmitter circuit, the remote control receiver circuit and the control circuit; and~~

~~a telecommunications circuit connected to the control circuit including;~~

~~a radio transmitter circuit connected to the control circuit and connectable to a telecommunications system by a radio signal;~~

~~—— a radio receiver circuit connected to the control circuit and connectable to the telecommunications system by a radio signal; and~~

~~a radio signal processor circuit connected to the radio transmitter circuit,
the radio receiver circuit and the control circuit~~

The multi-appliance remote control of Claim 6 wherein the remote control circuit further comprises:

a remote control high frequency transmitter circuit connected to the control circuit and connectable to an appliance control circuit by a high frequency communication link; and

a remote control high frequency receiver circuit connected to the control circuit and connectable to the appliance control circuit by the high frequency communication link; and

a remote control high frequency signal processor connected to the remote control transmitter circuit, remote control receiver circuit and the control circuit.

8. (Currently Amended) The multi-appliance remote control of ~~Claim 7~~ Claim 6 wherein the input device further comprises a keypad.

9. (Currently Amended) The multi-appliance remote control of ~~Claim 7~~ Claim 6 wherein the display further comprises an LCD display.

10. (Currently Amended) ~~The multi-appliance remote control of Claim 7 wherein the control circuit further comprises a switch circuit for switching operation of the multi-function wireless communications device between the remote control circuit and the telecommunications circuit.~~

The multi-appliance remote control of Claim 6 wherein the telecommunications circuit further comprises:

a radio transmitter circuit connected to the control circuit and connectable to a telecommunications system by a radio signal;

a radio receiver circuit connected to the control circuit and connectable to the telecommunications system by the radio signal; and

a radio signal processor circuit connected to the radio transmitter circuit, the radio receiver circuit and the control circuit.